EASUREMENT BOOK

Dimensions				Contents	Reference to last Measurement
umber 3	Length 4	Breadth 5	Depth 6	7	8
			IT- 20884 —		
			KS- 83545 —		
			FD- 125317 —		
			LC- 20886 —		
			CBF- 2089 —		
			252723 —		

First & Final Bill

SBR No: 33/15-16
30/05/2015

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193836

Serial No. BR-86/02-6-15

Name of work. providing and Erection of rain water Recharging Pit in the main road Cross roads in part of Ward no From ... To ... Vidyaranyapura.

Name of Contractor of nature of Agency.... Sri. Krishnagowda N. Patil

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Work Code No;	010-12-00016.					
	Agreement No;	356 Dated 24/03/2015.					
	Head of Account;	P-0541.					
	Address of Agency;	#57/7, 2nd Main road, Gangamagara Layout, Gangamagara R.T. Nagara Bangalore-32					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation for foundation of buildings, Culverts water supply, Sanitary line and electrical conduits either in pits or in trenches 1.5m to and above in width in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m.						
	a) 1st Main BEL 2nd Block #1187	L	$\frac{3.142 \times 1.10 \times 1.10}{4} \times 4.00$			= 3.80 cum	
	b) 2nd Main BEL 2nd Block #1145	L	$\frac{3.142 \times 1.10 \times 1.10}{4} \times 4.00$			= 3.80 cum	
	c) 2nd Main BEL 2nd Block #1126	2	$\frac{3.142 \times 1.10 \times 1.10}{4} \times 4.00$			= 7.60 cum	
	d) 3rd Main BEL 2nd Block vacant Site #1105 & 1237	3	$\frac{3.142 \times 1.10 \times 1.10}{4} \times 4.00$			= 11.41 cum	
	e) 4th Main BEL 2nd Block #1237	L	$\frac{3.142 \times 1.10 \times 1.10}{4} \times 4.00$			= 3.80 cum	
	f) Infront of ward office	L	$\frac{3.142 \times 1.10 \times 1.10}{4} \times 4.00$			= 3.80 cum	

M.A.R.

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Serial No.....

Name of work.....Fron

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	g) 4th Main BEL 2nd Block vacant Land	L
	h) 4th main BEL 2nd Block Dead end	2
	i) 5th Cross BEL 2nd Block #874	L
	j) 5th Cross BEL 2nd Block old road	L
	k) 5th Cross BEL 2nd Block Kantabo thali #1044	L
	l) 2nd Cross BEL 2nd Block vacant land	L

UREMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
foundation of buildings, culverts				
ne and electrical conduits either in pits				
above in width in hard soil not exceeding				
dressing the bottom and sides of pits				
excavated soil clear from edges of excavation				
$\frac{3.142 \times 1.10 \times 1.10}{4}$		× 4.00	= 3.80 Cum	
$\frac{3.142 \times 1.10 \times 1.10}{4}$		× 4.00	= 3.80 Cum	
$\frac{3.142 \times 1.10 \times 1.10}{4}$		× 4.00	= 7.60 Cum	
$\frac{3.142 \times 1.10 \times 1.10}{4}$		× 4.00	= 11.4 Cum	
$\frac{3.142 \times 1.10 \times 1.10}{4}$		× 4.00	= 3.80 Cum	
$\frac{3.142 \times 1.10 \times 1.10}{4}$		× 4.00	= 3.80 Cum	
$\frac{3.142 \times 1.10 \times 1.10}{4}$		× 4.00	= 3.80 Cum	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193837

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
g)	4th Main BEL 2nd Block vacant Land	1	$\frac{3.142 \times 1.10 \times 1.10}{4}$		× 4.00	= 3.80 Cum	
h)	4th Main BEL 2nd Block Dead end	2	$\frac{3.142 \times 1.10 \times 1.10}{4}$		× 4.00	= 7.60 Cum	
i)	5th Cross BEL 2nd Block # 874	1	$\frac{3.142 \times 1.10 \times 1.10}{4}$		× 4.00	= 3.80 Cum	
j)	5th Cross BEL 2nd Block old road	1	$\frac{3.142 \times 1.10 \times 1.10}{4}$		× 4.00	= 3.80 Cum	
k)	5th Cross BEL 2nd Block Ramabo thali # 1044	1	$\frac{3.142 \times 1.10 \times 1.10}{4}$		× 4.00	= 3.80 Cum	
l)	2nd Cross BEL 2nd Block vacant Land	1	$\frac{3.142 \times 1.10 \times 1.10}{4}$		× 4.00	= 3.80 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
m)	2nd cross BEL 2nd Block #1040	L	3.142x1.10x1.10 / 4		x4.00	= 3.80 Cum	
n)	3rd cross BEL 2nd Block #999	L	3.142x1.10x1.10 / 4		x4.00	= 3.80 Cum	
o)	3rd cross BEL 2nd Block Vacant Land #1018	L	3.142x1.10x1.10 / 4		x4.00	= 3.80 Cum	
p)	#1013	L	3.142x1.10x1.10 / 4		x4.00	= 3.80 Cum	
q)	3rd cross BEL 2nd Block Vacant Land	L	3.142x1.10x1.10 / 4		x4.00	= 3.80 Cum	
R)	3rd Cross 2nd Block vacant land corner	L	3.142x1.10x1.10 / 4		x4.00	= 3.80 Cum	
s)	4th cross BEL 2nd Block #983	L	3.142x1.10x1.10 / 4		x4.00	= 4.52 Cum	
t)	4th cross BEL 2nd Block #990	L	3.142x1.10x1.10 / 4		x4.00	= 3.80 Cum	
u)	opp Chamundeshwari Bus stop	L	3.142x1.10x1.10 / 4		x4.00	= 3.80 Cum	
					Total =	95.77 Cum	96.23

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M.A.R.
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Serial No.....

Name of work.....Fro

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	Qty	limited t @ Rs 25
2)	Laying reinforced cement co culverts on first class bedd fixing collar with cement mor works backfilling, concrete ab	
a)		1
b)		1
c)		2
d)		3

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
1.10x1.10		x4.00	= 3.80 Cum	
1.10x1.10		x4.00	= 3.80 Cum	
1.10x1.10		x4.00	= 3.80 Cum	
1.10x1.10		x4.00	= 3.80 Cum	
1.10x1.10		x4.00	= 3.80 Cum	
1.10x1.10		x4.00	= 3.80 Cum	
1.20x1.20		x4.00	= 4.32 Cum	
1.10x1.10		x4.00	= 3.80 Cum	
1.10x1.10		x4.00	= 3.80 Cum	
		Total =	95.77 Cum 96.23	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193838

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Qty limited to Tender @ Rs 250.00				=	95.58 Cum Rs 23895.00	
	2) Laying reinforced cement concrete pipe NP4 / prestressed concrete pipe for culverts on first class bedding of granular materials in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonary works in head walls and parapet						
a)		1	4.00			= 4.00 mt	
b)		1	4.00			= 4.00 mt	
c)		2	4.00			= 8.00 mt	
d)		3	4.00			= 12.00 mt	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
e)		1	4.00		=	4.00mt	
f)		1	4.00		=	4.00mt	
g)		1	4.00		=	4.00mt	
h)		2	4.00		=	8.00mt	
i)		1	4.00		=	4.00mt	
j)		1	4.00		=	4.00mt	
k)		1	4.00		=	4.00mt	
l)		1	4.00		=	4.00mt	
m)		1	4.00		=	4.00mt	
n)		1	4.00		=	4.00mt	
o)		1	4.00		=	4.00mt	
p)		1	4.00		=	4.00mt	
q)		1	4.00		=	4.00mt	
r)		1	4.00		=	4.00mt	
s)		1	4.00		=	4.00mt	
t)		1	4.00		=	4.00mt	
u)		1	4.00		=	4.00mt	

2)

Serial No.....

Name of work.....

Name of Contractor of nature of A

Date of commencement of work...

Date	Full description, etc, of work
1	2
3)	Providing and fixi... 100mm, and down... rainwater, waterti... with all lead a...
a)	
b)	

EASURE MENT BOOK

Dimensions				Contents	Reference to last Measurement
lumber 3	Length 4	Breadth 5	Depth 6	7	8
1	4.00		=	4.00mt	
	4.00		=	4.00mt	
	4.00		=	4.00mt	
	4.00		=	8.00mt	
	4.00		=	4.00mt	
	4.00		=	4.00mt	
	4.00		=	4.00mt	
	4.00		=	4.00mt	
	4.00		=	4.00mt	
	4.00		=	4.00mt	
	4.00		=	4.00mt	
	4.00		=	4.00mt	
	4.00		=	4.00mt	
	4.00		=	4.00mt	
	4.00		=	4.00mt	
	4.00		=	4.00mt	
	4.00		=	4.00mt	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193839

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
					Total =	100.00mt	
					=	72.00mt	
		Qty limited to Tender					
		@ RS	1162.00			RS 83672.00	
						ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು	
3)	providing and filling in foundation with granite/trap broken metal 100mm, and down size, with approved sand including lead packing, ramming, watering, including cost of all materials and labour with all lead and lift etc complete.						
a)		1	$\frac{3.142 \times 0.8 \times 0.8}{4}$		x0.90 =	0.45cum	
b)		1	$\frac{3.142 \times 0.8 \times 0.8}{4}$		0.90 =	0.45cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
c)		2	$3.142 \times 0.8 \times 0.8$		$0.90 =$	0.90 cum	
d)		3	$3.142 \times 0.8 \times 0.8$		$\times 0.90 =$	1.36 cum	
e)		1	$3.142 \times 0.8 \times 0.8$		$\times 0.90 =$	0.45 cum	
f)		1	$3.142 \times 0.8 \times 0.8$		$\times 0.90 =$	0.45 cum	
g)		1	$3.142 \times 0.8 \times 0.8$		$\times 0.90 =$	0.45 cum	
h)		2	$3.142 \times 0.8 \times 0.8$		$\times 0.90 =$	0.90 cum	
i)		1	$3.142 \times 0.80 \times 0.80$		$\times 0.90 =$	0.45 cum	
j)		1	$3.142 \times 0.80 \times 0.80$		$\times 0.90 =$	0.45 cum	
k)		1	$3.142 \times 0.8 \times 0.80$		$\times 0.90 =$	0.45 cum	
l)		1	$3.142 \times 0.8 \times 0.80$		$\times 0.90 =$	0.45 cum	

M.A.R. 5

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Serial No.....

Name of work.....From

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	L
1	2	3	
a)		1	3.
n)		1	3.
o)		1	3.
p)		1	3.
q)		1	3.
r)		1	3.
s)		1	3.

SUREMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
3·142×0·8×0·8 / 4		0·90 =	0·90 Cum	
3·142×0·8×0·8 / 4		×0·90 =	1·36 Cum	
3·142×0·8×0·8 / 4		×0·90 =	0·45 Cum	
3·142×0·8×0·8 / 4		×0·90 =	0·45 Cum	
3·142×0·8×0·8 / 4		×0·90 =	0·45 Cum	
3·142×0·8×0·8 / 4		×0·90 =	0·90 Cum	
3·142×0·80×0·80 / 4		×0·90 =	0·45 Cum	
3·142×0·80×0·80 / 4		×0·90 =	0·45 Cum	
3·142×0·80×0·80 / 4		×0·90 =	0·45 Cum	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193840

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
a)		1	3·142×0·80×0·80 / 4		×0·90 =	0·45 Cum	
n)		1	3·142×0·80×0·80 / 4		×0·90 =	0·45 Cum	
o)		1	3·142×0·80×0·80 / 4		×0·90 =	0·45 Cum	
p)		1	3·142×0·80×0·80 / 4		×0·90 =	0·45 Cum	
q)		1	3·142×0·80×0·80 / 4		×0·90 =	0·45 Cum	
r)		1	3·142×0·80×0·80 / 4		×0·90 =	0·45 Cum	
s)		1	3·142×0·80×0·80 / 4		×0·90 =	0·45 Cum	
		1	3·142×0·80×0·80 / 4		×0·90 =	0·45 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
f)		1	$\frac{3.142 \times 0.80 \times 0.80}{4} \times 0.90$			= 0.45 Cum	
u)		1	$\frac{3.142 \times 0.80 \times 0.80}{4} \times 0.90$			= 0.45 Cum	
						Total = 11.26 Cum	
	@ RS 1900.00					11.26 × 1900 = RS 21489.00	
4)	Supplying and providing Aggregate 53mm nominal size etc complete and as per directions of the Engineer-in-charge of the work inside the river						
a)		1	$\frac{3.142 \times 0.80 \times 0.80}{4} \times 0.45$			= 0.23 Cum	
b)		1	$\frac{3.142 \times 0.80 \times 0.80}{4} \times 0.45$			= 0.23 Cum	
c)		2	$\frac{3.142 \times 0.80 \times 0.80}{4} \times 0.45$			= 0.45 Cum	
d)		3	$\frac{3.142 \times 0.80 \times 0.80}{4} \times 0.45$			= 0.68 Cum	

M.A.R.

Meas

Serial No.....

Name of work.....From

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	
1	2	3	
e)		1	3
f)		1	3
g)		1	3
h)		2	3
i)			3
j)		1	3
k)		1	3
l)		1	3
m)		1	3

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
2x0.80x0.80		x0.90 =	0.45cum	
4				
2x0.80x0.80		x0.90 =	0.45cum	
4		Total =	11.32 Cum	
			11.26	RB 21489.00
00.00.				
gate 53mm nominal size etc.				
of the Engineer-in-charge of the				
2x0.80x0.80		x0.45 =	0.23cum	
4				
2x0.80x0.80		x0.45 =	0.23 cum	
4				
2x0.80x0.80		x0.45 =	0.45cum	
4				
2x0.80x0.80		x0.45 =	0.68cum	
4				

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193841

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
e)		1	3.142x0.80x0.80		x0.45 =	0.23cum	
f)		1	3.142x0.80x0.80		x0.45 =	0.23cum	
g)		1	3.142x0.80x0.80		x0.45 =	0.23cum	
h)		2	3.142x0.80x0.80		x0.45 =	0.45cum	
i)		1	3.142x0.80x0.80		x0.45 =	0.23cum	
j)		1	3.142x0.80x0.80		x0.45 =	0.23cum	
k)		1	3.142x0.80x0.80		x0.45 =	0.23cum	
l)		1	3.142x0.80x0.80		x0.45 =	0.23cum	
m)		1	3.142x0.80x0.80		x0.45	0.23cum	
			4				

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
a)		1	3.142 x 0.80 x 0.80		x 0.45 =	0.23 Cum	
b)		1	3.142 x 0.80 x 0.80		x 0.45 =	0.23 Cum	
P)		1	3.142 x 0.80 x 0.80		x 0.45 =	0.23 Cum	
a)		1	3.142 x 0.8 x 0.80		x 0.45 =	0.23 Cum	
R)		1	3.142 x 0.8 x 0.80		x 0.45 =	0.23 Cum	
S)		1	3.142 x 0.8 x 0.80		x 0.45 =	0.23 Cum	
t)	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ, ಯಲಹಂಕ ವಲಯ, ಬೃ. ಬೆಂ. ಮ. ಸಾ.. ಬೆಂಗಳೂರು-97	1	3.142 x 0.8 x 0.80		x 0.45 =	0.23 Cum	
u)		1	3.142 x 0.80 x 0.80		x 0.45 =	0.23 Cum	
	out Side the Ring						
a)		1	3.142 x 0.9 x 2.50		x 0.20 =	1.41 Cum	
b)		1	3.142 x 0.9 x 2.5		x 0.20 =	1.41 Cum	
c)		2	3.142 x 0.9 x 2.5		x 0.20 =	2.83 Cum	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency...

Date of commencement of work.....

Date	Full description, etc, of work	N
1	2	
d)		
e)		
f)		
g)		
h)		
i)	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ, ಯಲಹಂಕ ವಲಯ, ಬೃ. ಬೆಂ. ಮ ಸಾ.. ಬೆಂಗಳೂರು-97	
j)		
k)		
l)		
m)		
n)		
o)		

EASUREMENT BOOK

Number 3	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
L	3·142 x 0·80 x 0·80 / 4		x 0·45 =	0·23 Cum	
	3·142 x 0·80 x 0·80 / 4		x 0·45 =	0·23 Cum	
	3·142 x 0·80 x 0·80 / 4		x 0·45 =	0·23 Cum	
	3·142 x 0·8 x 0·80 / 4		x 0·45 =	0·23 Cum	
	3·142 x 0·8 x 0·8 / 4		x 0·45 =	0·23 Cum	
	3·142 x 0·8 x 0·8 / 4		x 0·45 =	0·23 Cum	
	3·142 x 0·8 x 0·8 / 4		x 0·45 =	0·23 Cum	
	3·142 x 0·9 x 2·50		x 0·20 =	1·41 Cum	
	3·142 x 0·9 x 2·5		x 0·20 =	1·41 Cum	
	3·142 x 0·9 x 2·5		x 0·20 =	2·83 Cum	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193842

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
d)		3	3·142 x 0·90 x 2·50		x 0·20 =	4·24 Cum	
e)		1	3·142 x 0·90 x 2·50		x 0·20 =	1·41 Cum	
f)		1	3·142 x 0·90 x 2·50		x 0·20 =	1·41 Cum	
g)		1	3·142 x 0·90 x 2·50		x 0·20 =	1·41 Cum	
h)		2	3·142 x 0·90 x 2·50		x 0·20 =	2·83 Cum	
i)	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರಗ	1	3·142 x 0·90 x 2·5		x 0·20 =	1·41 Cum	
j)	ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,	1	3·142 x 0·90 x 2·50		x 0·20 =	1·41 Cum	
k)	ಯಲಹಂಕ ವಲಯ,	1	3·142 x 0·90 x 2·50		x 0·20 =	1·41 Cum	
l)	ಬಿ. ಬಿ. ಎ ಸಾ.. ಬೆಂಗಳೂರು-97	1	3·142 x 0·90 x 2·50		x 0·20 =	1·41 Cum	
m)		1	3·142 x 0·90 x 2·50		x 0·20 =	1·41 Cum	
n)		1	3·142 x 0·90 x 2·50		x 0·20 =	1·41 Cum	
o)		1	3·142 x 0·90 x 2·50		x 0·20 =	1·41 Cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	P)	L	3.142 x 0.90 x 2.50 x 0.20 =			1.41 Cum	
	q)	L	3.142 x 0.90 x 2.50 x 0.20 =			1.41 Cum	
	r)	L	3.142 x 0.90 x 2.50 x 0.20 =			1.41 Cum	
	s)	L	3.142 x 0.90 x 2.80 x 0.20 =			1.41 Cum	
	t)	L	3.142 x 0.90 x 2.50 x 0.20 =			1.41 Cum	
	u)	L	3.142 x 0.90 x 2.50 x 0.20 =			1.41 Cum	
2)					Total =	41.00 Cum	42.18
		Qty limited to Tender =				25.45 Cum	
		@ Rs 698.00				Rs	17764.00
	5) Supply and providing Aggregate 40mm and below 6fe, complete and as per the directions of the Engineer in charge						
	a)	L	3.142 x 0.80 x 0.80 / 4		x 0.90 =	0.45 Cum	
	b)	L	3.142 x 0.80 x 0.80 / 4		x 0.90 =	0.45 Cum	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,

M.

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	
c)		
d)		
e)		
f)		
g)	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು	
h)	ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,	
i)	ಯಲಹಂಕ ವಲಯ,	
j)	ಬೃ ಬೆಂ. ಮ. ಸಾ.. ಬೆಂಗಳೂರು-೬	

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
.142 x 0.90 x 2.50 x 0.20 =			1.41 Cum	
.142 x 0.90 x 2.50 x 0.20 =			1.41 Cum	
142 x 0.90 x 2.5 x 0.20 =			1.41 Cum	
142 x 0.90 x 2.80 x 0.20 =			1.41 Cum	
.142 x 0.90 x 2.5 x 0.20 =			1.41 Cum	
.142 x 0.90 x 2.5 x 0.20 =			1.41 Cum	
142 x 0.90 x 2.5 x 0.20 =			1.41 Cum	
		Total =	41.00 Cum	42.18
nited to Tender =			25.45 Cum	
698.00			Rs	17754.00
te 40mm and below ete, complete and				
Engineer in-charge				
142 x 0.80 x 0.80		x 0.90 =	0.45 Cum	
4				
142 x 0.80 x 0.80		x 0.90 =	0.45 Cum	
4				

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193843

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
c)		2	3.142 x 0.80 x 0.80		x 0.90 =	0.90 Cum	
			4				
d)		3	3.142 x 0.80 x 0.80		x 0.90 =	1.30 Cum	
			4				
e)		4	3.142 x 0.80 x 0.80		x 0.90 =	0.45 Cum	
			4				
f)		1	3.142 x 0.80 x 0.80		x 0.90 =	0.45 Cum	
			4				
g)	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು	1	3.142 x 0.80 x 0.80		x 0.90 =	0.45 Cum	
			4				
h)	ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,	2	3.142 x 0.80 x 0.80		x 0.90 =	0.90 Cum	
			4				
i)	ಯಲಹಂಕ ವಲಯ,	1	3.142 x 0.80 x 0.80		x 0.90 =	0.45 Cum	
			4				
j)	ಬೃ. ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97	1	3.142 x 0.80 x 0.80		x 0.90 =	0.45 Cum	
			4				

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
K)		1	3.142 x 0.80 x 0.80		x 0.90	= 0.45 Cum	
J)		1	3.142 x 0.80 x 0.80		x 0.90	= 0.45 Cum	
m)		1	3.142 x 0.80 x 0.80		x 0.90	= 0.45 Cum	
n)		1	3.142 x 0.80 x 0.80		x 0.90	= 0.45 Cum	
o)		1	3.142 x 0.80 x 0.80		x 0.90	= 0.45 Cum	
P)		1	3.142 x 0.80 x 0.80		x 0.90	= 0.45 Cum	
q)		1	3.142 x 0.80 x 0.80		x 0.90	= 0.45 Cum	
r)		1	3.142 x 0.8 x 0.80		x 0.90	= 0.45 Cum	
s)		1	3.142 x 0.80 x 0.80		x 0.90	= 0.45 Cum	
t)		1	3.142 x 0.80 x 0.80		x 0.90	= 0.45 Cum	
u)		1	3.142 x 0.80 x 0.80		x 0.90	= 0.45 Cum	

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Serial No.....

Name of work.....Fr

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
		CRS
v)	Supply and providing Aggr... per the directions of the	
a)		L
b)		L
c)		
d)		

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಎಂಜಿನಿಯರ
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ.3
ಬೃ. ಬೆಂ. ಮ. ಸಾ., ಬೆಂಗಳೂರು-97

REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
3.142x0.80x0.80		x0.90 =	0.45Cum	
4				
3.142x0.80x0.80		x0.90 =	0.45Cum	
4				
3.142x0.80x0.80		x0.90 =	0.45Cum	
4				
3.142x0.80x0.80		x0.90 =	0.45Cum	
4				
3.142x0.80x0.80		x0.90 =	0.45Cum	
4				
3.142x0.80x0.80		x0.90 =	0.45Cum	
4				
3.142x0.80x0.80		x0.90 =	0.45Cum	
4				
3.142x0.8x0.80		x0.90 =	0.45Cum	
4				
3.142x0.80x0.80		x0.90 =	0.45Cum	
4				
3.142x0.80x0.80		x0.90 =	0.45Cum	
4				
3.142x0.80x0.80		x0.90 =	0.45Cum	
4				

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 193844

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
					Total =	11.31Cum	11.26 9008.00
		@ Rs 800.00				Rs 9048.00	
	a) Supply and providing Aggregate 20mm and below etc. complete and as per the directions of the Engineer-in-charge						
	a)	1	3.142x0.80x0.80		x0.90 =	0.45Cum	
	b)	1	3.142x0.80x0.80		x0.90 =	0.45Cum	
	c)	1	3.142x0.80x0.80		x0.90 =	0.90Cum	
	d)	4	3.142x0.80x0.80		x0.90 =	1.36Cum	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಎಂಜಿನಿಯರ್
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ-3
ಬೃ.ಬೆಂ.ಮ.ಪಾ., ಬೆಂಗಳೂರು-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
e)		1	3.142x0.80x0.80		x0.90 =	0.45cum	
f)		1	3.142x0.80x0.80		x0.90 =	0.45cum	
g)		1	3.142x0.80x0.80		x0.90 =	0.45cum	
h)		2	3.142x0.80x0.80		x0.90 =	0.90cum	
i)		1	3.142x0.80x0.80		x0.90 =	0.45cum	
j)	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ ಯಲಹಂಕ ವಲಯ, ಬೃ. ಬೆಂ. ಮ ಸಾ.. ಬೆಂಗಳೂರು-97	1	3.142x0.80x0.80		x0.90 =	0.45cum	
k)		1	3.142x0.80x0.80		x0.90 =	0.45cum	
l)		1	3.142x0.80x0.80		x0.90 =	0.45cum	
m)		1	3.142x0.80x0.80		x0.90 =	0.45cum	
n)		1	3.142x0.80x0.80		x0.90 =	0.45cum	
o)		1	3.142x0.80x0.80		x0.90 =	0.45cum	

M.A.R
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Serial No.....

Name of work.....F

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
p)		1
q)		1
r)		1
s)	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ, ಯಲಹಂಕ ವಲಯ, ಬೃ. ಬೆಂ. ಮ. ಸಾ.. ಬೆಂಗಳೂರು-97	1
t)		1
u)		1

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
3.142x0.80x0.80		x0.90 =	0.45Cum	
4 3.142x0.80x0.80		x0.90 =	0.45Cum	
4 3.142x0.80x0.80		x0.90 =	0.45Cum	
4 3.142x0.80x0.80		x0.90 =	0.45Cum	
4 3.142x0.80x0.80		x0.90 =	0.45Cum	
4 3.142x0.80x0.80		x0.90 =	0.45Cum	
4 3.142x0.80x0.80		x0.90 =	0.45Cum	
4 3.142x0.80x0.80		x0.90 =	0.45Cum	
4 3.142x0.80x0.80		x0.90 =	0.45Cum	
4 3.142x0.80x0.80		x0.90 =	0.45Cum	
4 3.142x0.80x0.80		x0.90 =	0.45Cum	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 193845

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
P)		L	3.142x0.80x0.80		x0.90 =	0.45Cum	
೭)		L	4 3.142x0.80x0.80		x0.90 =	0.45Cum	
೪)		L	4 3.142x0.80x0.80		x0.90 =	0.45Cum	
೯)	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು, ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,	L	4 3.142x0.80x0.80		x0.90 =	0.45Cum	
೬)	ಯಲಹಂಕ ವಲಯ ಬೃ. ಬೆಂ. ಮ. ಪಾ.. ಬೆಂಗಳೂರು-೬೪	L	4 3.142x0.80x0.80		x0.90 =	0.45Cum	
೮)		L	4 3.142x0.80x0.80		x0.90 =	0.45Cum	
			4		Total =	11.31Cum	11260.00
		@ Rs 1000.00				Rs 11310.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7) Supply and providing Sand ete, complete and as per the direction of the Engineer-in-charge of the work.						
	Qty vide Item no-06					= 11.32 Cum	15-26 1575.00
	@ RS 140.00						RS 1584.50
	8) providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates machine mixed concrete laid in layers not exceeding 150mm thick, vibrated for all works in foundation plinth and ground floor level for roof Slabs, Staircase, lintels, retaining walls, including attached plasters, columns piers abutments pillars, posts Struts, buttresses, anchor blocks, plain window cills, fillets ete						
	a)	L	3.142x0.9x0.9/4	x0.10		= 0.06 Cum	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numb
1	2	3
b)		L
c)		2
d)		3
e)		
f)		L
g)		
h)		L
		2

SUREMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
			Complete and as per the direction of the work	
			Item No-06 = 11.32 Cum @ Rs 1584.00	
			40.00	
			in position reinforced cement concrete with OPC cement @ 320 kgs with 20mm and white metal coarse aggregates @ 0.878 cum machine mixed concrete laid in layers thick, vibrated for all works in foundation or level for roof slabs, staircase, lintels, chajja attached plasters, column piers abutments, buttresses, anchor blocks, plain window	
3.142x0.9x0.9		x0.10 = 0.06 Cum		

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193846

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
b)		1	3.142x0.9x0.90		x0.10 =	0.06 Cum	
c)		2	4 3.142x0.9x0.9		x0.10 =	0.13 Cum	
d)		3	4 3.142x0.9x0.9		x0.10 =	0.19 Cum	
e)		4	3.142x0.9x0.9		x0.10 =	0.06 Cum	
f)		1	4 3.142x0.9x0.9		x0.10 =	0.06 Cum	
g)		1	4 3.142x0.9x0.9		x0.10 =	0.06 Cum	
h)		2	4 3.142x0.9x0.9		x0.10 =	0.13 Cum	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಸಂ., ಬೆಂಗಳೂರು-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
i)		L	$\frac{3.142 \times 0.9 \times 0.9}{4} \times 0.10$			= 0.06 Cum	
j)		L	$\frac{3.142 \times 0.9 \times 0.9}{4} \times 0.10$			= 0.06 Cum	
k)		L	$\frac{3.142 \times 0.9 \times 0.9}{4} \times 0.10$			= 0.06 Cum	
l)		L	$\frac{3.142 \times 0.9 \times 0.9}{4} \times 0.10$			= 0.06 Cum	
m)		L	$\frac{3.142 \times 0.9 \times 0.9}{4} \times 0.10$			= 0.06 Cum	
n)		L	$\frac{3.142 \times 0.9 \times 0.9}{4} \times 0.10$			= 0.06 Cum	
o)		L	$\frac{3.142 \times 0.9 \times 0.9}{4} \times 0.10$			= 0.06 Cum	
p)		L	$\frac{3.142 \times 0.9 \times 0.9}{4} \times 0.10$			= 0.06 Cum	
q)		L	$\frac{3.142 \times 0.9 \times 0.9}{4} \times 0.10$			= 0.06 Cum	
r)		L	$\frac{3.142 \times 0.9 \times 0.9}{4} \times 0.10$			= 0.06 Cum	
s)		L	$\frac{3.142 \times 0.9 \times 0.9}{4} \times 0.10$			= 0.06 Cum	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು,
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
ಬೃ ಬೆಂ. ಮ ಪಾ., ಬೆಂಗಳೂರು-97.

Serial No.....
Name of work.....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
t)		
u)	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು, ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ, ಯಲಹಂಕ ವಲಯ, ಬೃ. ಬೆಂ. ಮ ಪಾ., ಬೆಂಗಳೂರು-97	
g)	providing mild steel -ng, cutting, bending, h welding wherever req to the adjoining membe	

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
4				
3.142x0.9x0.90		x0.10 =	0.06 Cum

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide page no of this M.B. No 1939		19 38 37			= ~~1.1330~~	
						= 1.13 Qtl	
		@	Rs 7800.00				
							Rs 8814.00
	10) Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading, for a lead 0.00 to 2.00 km etc						
	Qty vide Item No-01					= 95.58 Cum	
	@ Rs 70.00						Rs 6691.00
	11) Add 1% for third Party inspection charges						Rs 9609.00

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	certificate; certified that materials
	Jadhav AE 3/5

REMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
19 3887			= 1.13 Qtl	
Rs 7800.00				Rs 8814.00
) Shall be payable at carriage rates				
uding loading and unloading from				
e Item No-01			= 95.58 Qtls	
70.00				Rs 6691.00
inspection charges				Rs 9609.00

M.A.R. 57 (Rule 116)

Measurement Book

No. A/11 193848

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	c/d					960340.00	
	Shivaraj					Total Rs 970558.00	
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ, ಯಲಹಂಕ ವಲಯ, ಬೃ. ಬೆಂ. ಮ ಪಾ., ಬೆಂಗಳೂರು-97					Zadhav AE 30/5/2015	
	Certificate						
	certified that the above work done satisfactory and no materials issued from departmentally.						
	Zadhav AE 30/5/2015						
	Shivaraj ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ, ಯಲಹಂಕ ವಲಯ, ಬೃ. ಬೆಂ. ಮ ಪಾ., ಬೆಂಗಳೂರು-97						

BR-86
2/6/15

MEAS NT BOOK

Date	Full description, etc, of work	Numbe		Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measuremen
1	2	3		5	6	7	8
						IT - 9604-00	
						VAT - 38414-00	
						LWF - 960-00	
						CBF - 961-00	
						FSD - 52879-00	
						SR - 5000.00	
						Total 1164 02-00	

Audited & Admitted to Rs
960340-00
84395-00 by Cheque
and Rs 1164 02-00 by cash/user etc

Accts Suodt.
Byatarayanapura Dn.
BBMP

Byatarayanapura Dn.
BBMP.

9/6/16

Serial No.....
Name of work.....
Name of Contractor of nature o
Date of commencement of wo

Date	Full description, etc, of w
1	2